

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	09/645,706
(use as many sheets as necessary)		Filing Date	August 24, 2000
Sheet 1 of 1		First named Inventor	Keith V. Wood
		Group Art Unit	1652
		Examiner name	Rebecca E. Prouty
		Attorney Docket Number	016026-9440-US00

U.S. Patent Documents

Examiner Initials		U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
/RP/		2004/0146987	Zdanovsky et al.	7/29/2004
/RP/		2005/0032085	Labas et al.	2/10/2005
/RP/		2006/0183212	Wood et al.	8/17/2006
/RP/		2009/0191622	Almond et al.	7/30/2009

FOREIGN PATENT DOCUMENTS

Examiner Initials	Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Translation	English Abstract
/RP/	JP	8510837	Cornell Research Foundation	11/12/1996		Y
/RP/	WO	02/094992	Rigel Pharmaceuticals, Inc.	11/28/2002		
/RP/	WO	03/042401	Clon-Tech Laboratories	5/22/2003		

Examiner Signature	/Rebecca Prouty/	Date Considered	08/04/2010
--------------------	------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 0231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box Alexandria, VA 22313-1450.

Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	09/645,706
(use as many sheets as necessary)				Filing Date	August 24, 2000
				First Named Inventor	Keith V. Wood
				Group Art Unit	1652
				Examiner Name	Rebecca E. Prouty
Sheet	1	of	6	Attorney Docket Number	016026-9440-US00

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
/RP/		"Sequence of pcdna3.1/Hygro," [Retrieved from the Internet http://www.invitrogen.com/content/sfs/vectors/pcdna3.1hygro_seq.txt] (2005) 2 pages)
/RP/		ALBERTS, "Intron sequences are removed as lariat-shaped RNA molecules," Mol. Cell Biol. (1994) 3:373-374
/RP/		BOWIE, J.U. et al., "Deciphering the message in protein sequences: tolerance to amino acid substitutions," Science (1990) 247(4948):1306-1310
/RP/		BRANCHINI, B.R., "Naphthyl- and quinolyl luciferin: green and red light emitting firefly luciferin analogues," Photochem. Photobiol. (1989) 49(5):689-695
/RP/		CAMERON, "Recent advances in transgenic technology," Mol. Biol. (1997) 7:253-265
/RP/		DELUCA, M. et al., "The hydrolase properties of firefly luciferase," Biochem. Biophys. Res. Comm. (1965) 18(5-6):836-842
/RP/		DELUCA, M. et al., "Role of sulphhydryl groups in firefly luciferase," Biochem. (1964) 3(7):935-939
/RP/		DEVINE, J.H. et al., "Luciferase from the East European firefly luciola mingrelica: cloning and nucleotide sequence of the cDNA, overexpression in escherichia coli and purification of the enzyme," Biochim. et Biophys. Acta (1993) 1173:121-132
/RP/		DORSKY, R.I. et al., "A transgenic Lef1/beta-catenin-dependent reporter is expressed in spatially restricted domains throughout zebrafish development," Dev. Biol. (2002) 241:229-237

Examiner Signature	/Rebecca Prouty/	Date Considered	08/04/2010
--------------------	------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	09/645,706
(use as many sheets as necessary)				Filing Date	August 24, 2000
				First Named Inventor	Keith V. Wood
				Group Art Unit	1652
				Examiner Name	Rebecca E. Prouty
Sheet	2	of	6	Attorney Docket Number	016026-9440-US00

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
/RP/		FERBITZ, L., "A synthetic gene coding for renilla luciferase is a versatile expression marker in green algae," GenBank Sequence Accession No. AAF93166 (8/8/2000) 2 pages
/RP/		Genbank Deposit Accession No. AF384683, "Montastraea cavernosa green fluorescent protein mRNA," Complete cds, Version AF384683.2 GI: 15298095, August, 2001, 1 page
/RP/		Genbank Deposit Accession No. AY037770, "Montastraea cavernosa meavFP_7.5 mRNA," Complete cds, Version AY037770.1 GI:19982596, April 2002, 1 page
/RP/		Genbank Deposit Accession No. AY056460, "Montastraea cavernosa cyan fluorescent protein mRNA," Complete cds, Version AY056460.1 GI:16508124, October 2001, 1 page
/RP/		GLASS, R.E. et al., "Gene function: E.coli and its heritable elements," University of California Press (1982) 95
/RP/		KELLER, G-A. et al., "Firefly luciferase is targeted to peroxisomes in mammalian cells," Proc. Natl. Acad. Sci. USA (1987) 84:3264-3268
/RP/		KOZAK, M., "An analysis of 5'-noncoding sequences from 699 vertebrate messenger RNAs," Nucl. Acids Res. (1987) 15(20):8125-8132
/RP/		LABAS, Y.A. et al., "Diversity and evolution of the green fluorescent protein family," Proc. Natl. Acad. Sci. USA (2002) 99(7):4256-4261
/RP/		LECLERC, G.M. et al., "Development of a destabilized firefly luciferase enzyme for measurement of gene expression," Biotechniques (2000) 29(3):590-601

Examiner Signature	/Rebecca Prouty/	Date Considered	08/04/2010
--------------------	------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449B/PTO				Complete if Known	
				Application Number	09/645,706
				Filing Date	August 24, 2000
				First Named Inventor	Keith V. Wood
				Group Art Unit	1652
				Examiner Name	Rebecca E. Prouty
Sheet	3	of	6	Attorney Docket Number	016026-9440-US00

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.			
		LESSER, M.P. et al., "Montastraea cavernosa green fluorescent protein mRNA, complete cds," GenBank Accession No. AF406700 (9/2/2001) 2 pages cited on IDS of 11/08			
		LESSER, M.P. et al., "Montastraea faveolata green fluorescent protein mRNA, complete cds," GenBank Accession No. AF401282 (8/5/2001) 2 pages cited on IDS of 11/08			
/RP/		LISSER, S. et al., "Compilation of E.coli mRNA promoter sequences," Nucl. Acids Res. (1993) 21(7):1507-1516			
/RP/		LODISH et al., "Splicesomes, assembled from snRNPs and a pre-mRNA, carry out splicing," Chapter 11, RNA Processing, Nuclear Transport, and Post-Transcriptional Control, Mol. Cell Biol. (2000) 4:416-418			
/RP/		MATZ, "Amplification of representative cDNA samples from microscopic amounts of invertebrate tissue to search for new genes," Institute of Bioorganic Chemistry RAS (2002) 1-21			
/RP/		MATZ, M.V. et al., "Fluorescent proteins from nonbioluminescent anthozoa species," Nat. Biotech. (1999) 17(10):969-973			
/RP/		MATZ, M.V. et al., "Montastraea cavernosa clone 7.7 green fluorescent protein-like protein mRNA, complete cds," GenBank Accession No. AY037768 (5/31/2001) 2 pages			
/RP/		PETIT, T. et al., "A mutation Ser 213/Asn in the hexokinase 1 from schizosaccharomyces pombe increases its affinity for glucose," Biochem. Biophys. Res. Comm. (1998) 251(3):714-719			
/RP/		QUANDT, K. et al., "MatInd and MatInspector: new fast and versatile tools for detection of consensus matches in nucleotide sequence data," Nucl. Acids Res. (1995) 23(23):4878-4884			

Examiner Signature	/Rebecca Prouty/	Date Considered	08/04/2010
--------------------	------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449B/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09/645,706
Sheet	4	of	6	Filing Date	August 24, 2000
				First Named Inventor	Keith V. Wood
				Group Art Unit	1652
				Examiner Name	Rebecca E. Prouty
				Attorney Docket Number	016026-9440-US00

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
/RP/		RINGQUIST, S. et al., "Translation initiation in escherichia coli: sequences within the ribosome-binding site," Mol. Microbiol. (1992) 1219-1229
/RP/		ROBINSON, M. et al., "Codon usage can affect efficiency of translation of genes in escherichia coli," Nuc. Acids Res. (1984) 12(17):6663-6671
/RP/		TABASKA, J.E. et al., "Detection of polyadenylation signals in human DNA sequences," Gene (1999) 77-86
/RP/		TURKEL, S. et al., "GCR-1 dependent transcriptional activation of yeast retrotransposon Ty2-917," Yeast (1997) 13(1):917-930
/RP/		WOOD, K.V., "Luciferases of luminous beetles: evolution, color variation, and applications," Dissertation (1989), submitted as two parts, Part 1 and Part 2
/RP/		Canadian Patent Office Action for Application No. 2,420,328 dated December 7, 2009 (3 pages)
/RP/		European Patent Office Summons to Attend Oral Proceedings for Application No. 01964425.1 dated February 8, 2008 (11 pages)
		European Patent Office Action for Application No. 05797929.6 dated March 8, 2010 (4 pages) not submitted
/RP/		International Search Report for Application No. PCT/US01/26566 dated February 28, 2003 (7 pages)

Examiner Signature	/Rebecca Prouty/	Date Considered	08/04/2010
--------------------	------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449B/PTO				Complete if Known	
				Application Number	09/645,706
				Filing Date	August 24, 2000
				First Named Inventor	Keith V. Wood
				Group Art Unit	1652
				Examiner Name	Rebecca E. Prouty
Sheet	5	of	6	Attorney Docket Number	016026-9440-US00

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.			
/RP/		Written Opinion for Application No. PCT/US2005/033218 dated March 31, 2006 (8 pages)			
/RP/		Japanese Patent Office Action for Application No. 2002-521985 mailed March 16, 2007 (11 pages) with English translation			
/RP/		Japanese Patent Office Action for Application No. 2002-521985 mailed January 5, 2010 (8 pages)			
/RP/		Japanese Patent Office Action for Application No. 2006-288147 mailed December 3, 2008 (7 pages) with English translation			
		Japanese Patent Office Action for Application No. 2006-288147 mailed September 16, 2009 (2 pages) Japanese only no English			
		United States Patent Office Action for Application No. 11/316,042 dated April 2, 2009 (8 pages) cited on IDS of 7/09			
/RP/		United States Patent Office Action for Application No. 11/316,042 dated September 4, 2009 (15 pages)			
/RP/		United States Patent Office Action for Application No. 11/786,785 dated August 4, 2009 (16 pages)			
/RP/		United States Patent Office Action for Application No. 11/786,785 dated May 12, 2010 (12 pages)			

Examiner Signature	/Rebecca Prouty/	Date Considered	08/04/2010
--------------------	------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB number.

<p>Substitute for form 1449B/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>				Complete if Known	
				Application Number	09/645,706
				Filing Date	August 24, 2000
				First Named Inventor	Keith V. Wood
				Group Art Unit	1652
				Examiner Name	Rebecca E. Prouty
Sheet	6	of	6	Attorney Docket Number	016026-9440-US00

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
		United States Patent Office Notice of Allowance/Office Action for Application No. 10/943,508 dated September 29, 2008 (7 pages) cited on IDS of 11/08
/RP/		United States Patent Office Notice of Allowance for Application No. 10/943,508 dated December 23, 2009 (4 pages)
/RP/		United States Patent Office Action for Application No. 11/825,304 dated October 30, 2009 (16 pages)
/RP/		United States Patent Office Action for Application No. 10/314,827 dated July 2, 2007 (45 pages)
/RP/		United States Patent Office Action for Application No. 10/314,827 dated October 16, 2006 (8 pages)
/RP/		United States Patent Office Action for Application No. 10/314,827 dated May 8, 2006 (23 pages)
/RP/		United States Patent Office Action for Application No. 10/314,827 dated September 12, 2005 (23 pages)

Examiner Signature	/Rebecca Prouty/	Date Considered	08/04/2010
---------------------------	------------------	------------------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.